

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: S. Jayaraman

Confirmation No.:

Application No.: To be Assigned  
(Continuation of App No. 09/988,293)  
Filed: Herewith

Group Art Unit:  
Examiner: To be Assigned  
Attorney Docket No.: 795-A04-014-1

For: **MODIFICATION OF PROPERTIES AND GEOMETRY  
OF HEART TISSUE TO INFLUENCE FUNCTION**

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.56**

Commissioner for Patents  
Alexandria, VA 22313

Sir:

In accordance with the duty of disclosure provisions of C.F.R. § 1.56, there is hereby provided certain information, which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

A revised Form PTO/SB/08 listing all patents, publications, applications, or other information submitted for consideration is enclosed. Copies of the listed documents from prior Application No. 09/988,293 filed Nov. 19, 2001, of which this application claims priority under 35 U.S.C. § 120, are not being submitted pursuant to 37 C.F.R. § 1.98(d).

No admission is made that the information cited in this Statement is, or is considered to be prior art, material to patentability nor a representation that a search has been made.

This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or certification is required.

Respectfully submitted,

Dated: Feb 2, 2004

  
Paul D. Bianco (Reg. No. 43,500)

Attorney for Applicant

Fleit, Kain, Gibbons, Gutman, Bongini & Bianco P.L.  
601 Brickell Key Drive  
Suite 404  
Miami, Florida 33131  
305-931-9620 (telephone)

Please type a plus sign (+) inside this box ?

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>-Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b> (use as many sheets as necessary)</p>				Complete If Known	
				Application Number	
				Filing Date	
				First Named Inventor	S. Jayaraman
				Group Art Unit	
				Examiner Name	
Sheet	1	of	4	Attorney Docket Number	795-A04-014-1
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY
	AA	6,293,906		Vanden Hoek	09/2001
	AB	6,264,602		Mortier	07/2001
	AC	6,241,654		Alfernness	06/2001
	AD	6,238,429		Markowitz	05/2001
	AE	6,238,334		Easterbrook	05/2001
	AF	6,234,960		Aboul-Hosn	05/2001
	AG	6,221,103		Melvin	04/2001
	AH	6,200,280		Brennneman	03/2001
	AI	6,193,648		Krueger	02/2001
	AJ	6,174,279		Girard	01/2001
	AK	6,165,122		Alfernness	12/2000
	AL	6,165,121		Alfernness	12/2000
	AM	6,165,120		Schweich	12/2000
	AN	6,165,119		Schweich	12/2000
	AO	6,155,972		Nauertz	12/2000
	AP	6,155,968		Wilk	12/2000
	AQ	6,125,852		Stevens	10/2000
	AR	6,086,526		Francischelli	07/2000
	AS	6,077,214		Mortier	06/2000
	AT	6,077,218		Alfernness	06/2000
	AU	6,063,115		Gealow	05/2000
	AV	6,059,715		Schweich	05/2000
Examiner				Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

Please type a plus sign (+) inside this box ?

+

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b> (use as many sheets as necessary)				Complete If Known	
				Application Number	
				Filing Date	
				First Named Inventor	S. Jayaraman
				Group Art Unit	
				Examiner Name	
Sheet	2	of	4	Attorney Docket Number	795-A04-014-1
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY
AW		6,045,497		Schweich	04/2000
AX		6,022,328		Hailey	02/2000
AY		6,007,479		Rottenberg	12/1999
AZ		5,957,977		Melvin	09/1999
BA		5,971,910		Tsitlik	10/1999
BB		5,908,378		Kovacs	06/1999
BC		5,888,241		Jarvik	03/1999
BD		5,848,962		Feindt	12/1998
BE		5,843,156		Slepian	12/1998
BF		5,738,626		Jarvik	04/1998
BG		5,800,528		Lederman	09/1998
BH		5,827,220		Runge	10/1998
BI		5,749,855		Reitan	05/1998
BJ		5,749,839		Kovacs	05/1998
BK		5,738,626		Jarvik	04/1998
BL		5,702,343		Alferness	12/1997
BM		5,336,263		Ersek	08/1994
BN		5,282,849		Kolff	02/1994
BO		5,258,028		Ersek	11/1993
BP		4,904,291		Kolff	02/1990
BQ		4,468,177		Strimling	08/1984
Examiner				Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

Please type a plus sign (+) inside this box ?

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

Please type a plus sign (+) inside this box ?

+

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031  
Patent and Trademark Office: U.S. Department of Commerce

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary)				Complete If Known			
				Application Number			
				Filing Date			
				First Named Inventor	S. Jayaraman		
				Group Art Unit			
				Examiner Name			
Sheet	4	of	4	Attorney Docket Number	795-A04-014-1		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY		
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	DA	WO 00/72909	A1		12/2000		
	DB	WO 99/49926			10/1999		
	DC	WO 97/13471			04/1997		
	DD	WO 97/40755			11/1997		
<b>OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>6</sup>
	EA	Abstract "Surgery for Acute Myocardial Infarction" Edmunds, L. Henry Jr., Principal Investigator					
	EB	Pelka, Wendy A., et al. "Reversible Hydrogels form Self-Assembling Artificial Protein" Science, Vol 281., July 17, 1998., P 389-392					
	EC	Ro Winslow, Gene Therapy In Studies Show Promise, The Wall Street Journal, November 14, 2001, p B7					
Examiner				Date Considered			

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington DC 20231.